Table of Contents: Volume 20 (1996)

Numbers 1/2

Special Issue: Computer Vision Research at the University of Southern California
Guest Editors: Ramakant Nevatia and Gérard Medioni

Computer Vision Research at the University of Southern California ..... *Ramakant Nevatia and Gérard Medioni* 5
Volumetric Descriptions from a Single Intensity Image ..... *Mourad Zerroug and Ramakant Nevatia* 11
Recovering LSHGCs and SHGCs from Stereo ..... *Ronald Chung and Ramakant Nevatia* 43
Perceptual Grouping for Generic Recognition ..... *Parag Havaldar, Gérard Medioni and Fridtjof Stein* 59
B-rep Object Description from Multiple Range Views ..... *B. Parvin and Gérard Medioni* 81
Inferring Global Perceptual Contours from Local Features ..... *Gideon Guy and Gérard Medioni* 113

Number 3

Geometric Constraints and Stereo Disparity Computation ..... *Charles V. Stewart, Robin Y. Flatland and Kishore Bubna* 143
Range Estimation from Focus Using a Non-Frontal Imaging Camera ..... *Arun Krishnan and Narendra Ahuja* 169
FORMS: A Flexible Object Recognition and Modelling System ..... *Song Chun Zhu and Alan L. Yuille* 187
Using Collineations to Compute Motion and Structure in an Uncalibrated Image Sequence ..... *Thierry Viéville, Cyril Zeller and Luc Robert* 213
Exploiting the Generic Viewpoint Assumption ..... *William T. Freeman* 243